OMB No. 0651-0011

INFORMATION DISCLOSURE CITATION

Attorney Docket No. 07552.0020	Application No. 10/765,149
Applicant Silvio Cavalcanti et al.	
Filing Date January 28, 2004	Group: 3763

U.S. PATENT DOCUMENTS

Examiner Initial*		Document Number	Issue Date	Name	Class	Sub Class	Filing Date If Appropriate
SA		2,709,785	5/31/55	J. E. Fielden			
		3,324,720	6/13/67	G. F. Sutherland			
		3,396,331	8/6/68	E. A. Sperry III			
		3,404,336	10/1/68	R. Rosenthal			
		3,450,984	6/17/69	J. F. Holmes			
		3,482,575	12/9/69	C. L. Claff et al.			
		3,619,423	11/9/71	Galletti et al.			
		3,722,276	3/27/73	Chandler et al.			
		3,867,688	2/18/75	Koshi			
		3,980,346	9/14/76	Leiber			
		3,985,134	10/12/76	Lissot et al.			
		3,987,788	10/26/76	Emil			
		4,081,372	3/28/78	Atkin et al.			
		4,136,563	1/30/79	Mueller et al.			
		4,138,639	2/6/79	Hutchins			
		4,181,610	1/1/80	Shintani et al.			
		4,361,049	11/30/82	Volgyesi			
		4,446,871	5/8/84	Imura			
		4,508,622	4/2/85	Polaschegg et al.			
		4,650,458	3/17/87	Dahlberg et al.			
SA		4,715,849	12/29/87	Gion et al.			

Examiner [signature]	Date Considered 12 Apr 06

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO 1449 — Patent and Trademark Office - U.S. Department of Commerce

OMB No. 0651-0011

INFORMATION DISCLOSURE CITATION

Atty. Docket No.	07552.0020	Application No.	10/765,149
Applicant	Silvio Cavalcanti et al.		
Filing Date	January 28, 2004	Group:	3763

U.S. PATENT DOCUMENTS							
Examiner Initial*		Document Number	Issue Date	Name	Class	Sub Class	Filing Date If Appropriate
		4,739,492	4/19/88	Cochran			
		4,740,755	4/26/88	Ogawa			
		4,825,168	4/25/89	Ogawa et al.			
		4,995,268	2/26/91	Ash et al.			
		5,004,459	4/2/91	Peabody et al.			
		5,024,756	6/18/91	Sternby			
		5,092,836	3/3/92	Polaschegg			
		5,098,373	3/24/92	Polaschegg			
		5,312,550	5/17/94	Hester			
		5,372,136	12/13/94	Steuer et al.			
		5,442,969	8/22/95	Troutner et al.			
		5,453,576	9/26/95	Krivitski			
		5,507,723	4/16/96	Keshaviah			
		5,510,716	4/23/96	Buffaloe, IV et al.			
		5,510,717	4/23/96	Buffaloe, IV et al.			
		5,518,623	5/21/96	Keshaviah et al.			
		5,588,959	12/31/96	Ahmad et al.			
		5,595,182	1/21/97	Krivitski			
		5,605,630	2/25/97	Shibata			
		5,662,806	9/2/97	Keshaviah et al.			
		5,685,989	11/11/97	Krivitski et al.			

Examiner		Date Considered	12 Apr 06

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO 1449 — Patent and Trademark Office - U.S. Department of Commerce

OMB No. 0651-0011

INFORMATION DISCLOSURE CITATION

Atty. Docket No.	07552.0020	Application No.	10/765,149
Applicant	Silvio Cavalcanti et al.		
Filing Date	January 28, 2004	Group:	3763

U.S. PATENT DOCUMENTS

Examiner Initial*		Document Number	Issue Date	Name	Class	Sub Class	Filing Date If Appropriate
		5,830,365	11/3/98	Schneditz			
		5,866,015	2/2/99	Krämer			
		5,902,253	5/11/99	Pfeiffer et al.			
		3,964,479	6/22/76	Boag et al.			
		3,491,592	1/27/70	R. W. Evers et al.			
		3,640,271	2/8/72	Horton			
		5,357,967	10/25/94	Dixon et al.			
		6,189,388 B1	2/20/01	Cole et al.			
		5,058,416	10/22/91	Engelhardt et al.			
		4,885,087	12/5/89	Kopf			
		4,885,001	12/5/89	Leppert			
		5,894,011	4/13/99	Prosl et al.			
		4,856,321	8/15/89	Smalling et al.			
		5,230,341	7/27/93	Polaschegg			
		4,391,124	7/5/83	Drost et al.			
		4,432,231	2/21/84	Napp et al.			
		4,434,648	3/6/84	Drost et al.			
		5,230,341	7/27/93	Polaschegg			
		4,777,938	10/18/88	Sirota			
		4,797,655	1/10/89	Orndal et al.			
		4,856,321	8/15/89	Smalling et al.			

Examiner		Date Considered	12 Apr 06

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO 1449 — Patent and Trademark Office - U.S. Department of Commerce

OMB No. 0651-0011

INFORMATION DISCLOSURE CITATION

Atty. Docket No.	07552.0020	Application No.	10/765,149
Applicant	Silvio Cavalcanti et al.		
Filing Date	January 28, 2004	Group:	3763

U.S. PATENT DOCUMENTS

Examiner Initial*		Document Number	Issue Date (Pub. Date)	Name	Class	Sub Class	Filing Date If Appropriate
		4,923,598	5/8/90	Schäl			
		5,570,026	10/29/96	Buffaloe, IV et al.			
		5,644,240	7/1/97	Brugger			
		5,900,726	5/4/99	Brugger et al.			
		5,662,806	9/2/97	Keshaviah et al.			
		5,518,623	5/21/96	Keshaviah et al.			
		5,507,723	4/16/96	Keshaviah			
		5,442,969	8/22/95	Troutner et al.			
		5,372,136	12/13/94	Steuer et al.			
		6,177,049 B1	1/23/01	Schnell et al.			
		US 2001/0031222 A1	(10/18/01)	Schnell et al.			
		6,117,099	9/12/00	Steuer et al.			
		6,210,591 B1	4/3/01	Krivitshi			
		US 2001/0050256 A1	(12/13/01)	Krivitshi			
		6,153,109	11/28/00	Krivitshi			
		5,685,988	11/11/97	Malchesky			
		6,308,737 B1	10/30/01	Krivitski			
		3,433,935	3/18/69	H. Sherman			
		3,733,899	5/22/73	Auphan et al.			
		3,446,073	5/27/69	M. Auphan et al.			
		3,561,266	2/9/71	M. Auphan et al.			

Examiner		Date Considered	12 Apr 06

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO 1449 — Patent and Trademark Office - U.S. Department of Commerce

OMB No. 0651-0011

INFORMATION DISCLOSURE CITATION

Atty. Docket No. 07552.0020	Application No. 10/765,149
Applicant Silvio Cavalcanti et al.	
Filing Date January 28, 2004	Group: 3763

U.S. PATENT DOCUMENTS

Examiner Initial*		Document Number	Issue Date	Name	Class	Sub Class	Filing Date If Appropriate
		3,604,263	09/14/71	Auphan et al.			
		3,545,428	12/8/70	Webster, Jr.			
		4,167,870	9/18/79	Haas			
		4,153,418	5/8/79	Haas			
		4,822,341	4/18/89	Colone			
		5,357,967	10/25/94	Dixion et al.			
		5,100,554	3/31/92	Polaschegg			
		5,024,756	6/18/91	Sternby			
		4,508,622	4/2/85	Polaschegg et al.			
		6,189,388 B1	2/20/01	Cole et al.			
		6,061,590	5/9/00	Krivitski			
		6,623,443 B1	9/23/03	Polaschegg			
		6,090,048	7/18/00	Hertz et al.			
		6,189,388 B1	2/20/01	Cole et al.			
		6,221,040 B1	4/24/01	Kleinekofort			

FOREIGN PATENT DOCUMENTS

		Document Number	Publication Date	Country	Class	Sub Class	Translation Yes or No
		EP 0097366	1/4/84	EUROPE			ABSTRACT ONLY
		EP 0272414	6/29/88	EUROPE			ABSTRACT ONLY
		EP 0693296	1/24/96	EUROPE			

Examiner	Date Considered 12 Apr 06

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO 1449 — Patent and Trademark Office - U.S. Department of Commerce

OMB No. 0651-0011

INFORMATION DISCLOSURE CITATION

Atty. Docket No.	07552.0020	Serial No.	10/765,149
Applicants	Silvio Cavalcanti et al.		
Filing Date	January 28, 2004	Group:	3763

FOREIGN PATENT DOCUMENTS

		Document Number	Publication Date	Country	Class	Sub Class	Translation Yes or No
		EP 0845273	6/3/98	EUROPE			ABSTRACT ONLY
		EP 1106191	6/13/01	EUROPE			
		EP 1044695	10/18/00	EUROPE			ABSTRACT ONLY
		EP 0018817	11/12/80	EUROPE			
		EP 0089003	9/21/83	EUROPE			
		EP 0928614	7/14/99	EUROPE			
		EP 0835669	4/15/98	EUROPE			
		EP 0590810	4/6/94	EUROPE			
		EP 0693297	1/24/96	EUROPE			
		EP 1083947	3/21/01	EUROPE			
		EP 0272414	6/29/88	EUROPE			ABSTRACT ONLY
		EP 0773035	5/14/97	EUROPE			ABSTRACT ONLY
		EP 0693296	1/24/96	EUROPE			
		EP 0943369	9/22/99	EUROPE			ABSTRACT ONLY
		EP 0900094	3/10/99	EUROPE			ABSTRACT ONLY
		EP 1020199	7/19/00	EUROPE			NO
		WO 9701289	1/16/97	WIPO			
		WO 9832477	7/3098	WIPO			ABSTRACT ONLY
		WO 9817193	4/30/98	WIPO			
		WO 9817334	4/30/98	WIPO			ABSTRACT ONLY

Examiner	Date Considered 12 Apr 06

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO 1449 — Patent and Trademark Office - U.S. Department of Commerce

FOREIGN PATENT DOCUMENTS

		Document Number	Publication Date	Country	Class	Sub Class	Translation Yes or No

OMB No. 0651-0011

INFORMATION DISCLOSURE CITATION

Atty. Docket No.	07552.0020	Serial No.	10/765,149
Applicants	Silvio Cavalcanti et al.		
Filing Date	January 28, 2004	Group:	3763

FOREIGN PATENT DOCUMENTS

		Document Number	Publication Date	Country	Class	Sub Class	Translation Yes or No
		WO 9608305	3/21/96	WIPO			
		WO 0074732	12/14/00	WIPO			
		WO 9964088	12/16/99	WIPO			
		WO 0018451	4/6/00	WIPO			
		WO 0204044	1/17/02	WIPO			ABSTRACT ONLY
		WO 0108719	2/8/01	WIPO			
		WO 9710013	3/20/97	WIPO			
		WO 9964088	12/16/99	WIPO			
		DE 19541783	3/27/97	GERMANY			ABSTRACT ONLY
		DE 19537688	5/2/96	GERMANY			ABSTRACT ONLY
		DE 19528907	11/7/96	GERMANY			ABSTRACT ONLY
		DE 4024434	2/13/92	GERMANY			ABSTRACT ONLY
		DE 19901078	2/17/00	GERMANY			ABSTRACT ONLY
		GB 2093192	8/25/82	UNITED KINGDOM			
		SU 521891	7/25/76	Russian Federation			ABSTRACT ONLY
		ES 2026508T	5/1/92	SPAIN			ABSTRACT ONLY
		JP 5 236990	9/17/93	JAPAN			ABSTRACT ONLY
		JP 60 190873	9/28/85	JAPAN			ABSTRACT ONLY

Examiner		Date Considered	12 Apr 06

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO 1449 — Patent and Trademark Office - U.S. Department of Commerce

OMB No. 0651-0011

INFORMATION DISCLOSURE CITATION

Atty. Docket No.	07552.0020	Serial No.	10/765,149
Applicants	Silvio Cavalcanti et al.		
Filing Date	January 28, 2004	Group:	3763

	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)
	HESTER, ET AL.; "A new Technique for Determining Recirculation in the ESRD Patient", Nephrology News & Issues, pp. 44-45, (1993)
	PETITCLERC ET AL.; "A Model for Non-invasive Estimation of in vivo Dialyzer Performances and Patient's Conductivity During Hemodialysis", The international Journal of Artificial Organs, vol. 16, no. 8, pp. 585-591, (1993)
	PETITCLERC ET AL.; "Non-invasive Monitoring of Effective Dialysis Dose Delivered to the Haemodialysis Patient", Nephrology Dialysis Transplantation, vol. 10, pp. 212-216, (1995)
	MERCADAL ET AL.; "Determination of Access Blood Flow from Ionic Dialysance: Theory and Validation", Kidney International, vol. 56, pp. 1560-1565, (1999)
	GAMBRO; "FAM 10 Fistula Flow Studies and Their Interpretation" , Lund Sweden, pp. 1-31, (1991)
	SHERMAN; "Recirculation Revisited", Seminars In Dialysis, vol. 4, no. 4, pp. 221-223, (1991)
	SMITH ET AL.; "Cardiac Output Determined by the Saline Conductivity Method Using an Extraarterial Conductivity Cell", Cardiovascular Research Center Bulletin, vol. 5, no. 4, pp. 123-129, (1967)
	THOMSEN ET AL.; "Evaluation of Clinical Examination Preceding Surgical Treatment of AV Fistula Problems", Acta Chir Scand, vol. 151, pp. 133-137, (1985)
	Transonic Systems, Inc., "Access Flow & Recirculation Measured During Hemodialysis", 7 pages, (1994)
	ALDRIDGE ET AL.; "The Assessment of Arteriovenous Fistulae Created for Hemodialysis from Pressure and Thermal Dilution Measurements", Journal of Medical Engeneering & Technology, vol. 8, no. 3, pp. 118-124, (1984)
	ALDRIDGE ET AL.; "Instrument Design for the Bedside Assessment of Arteriovenous Fistulae in Hemodialysis Patients", Proceedings EDTNA-ERCA, vol. 14, pp. 255-260, (1985)
	CARR; " Integration of Decaying Exponential Sensor Output Signals", Sensors, pp. 28-34, (1989)
	DAUGIRDAS ET AL.; "The Fourth Annual Advanced Dialysis Technical Symposium", Dialysis & Transplantation, vol. 17, No. 8, pp. 432-433, (1998)
	FRESENIUS "BTM 4008", 4 pages, (1993)
	GAMBRO, Fistula Assessment Monitor FAM 10", 2 pages, (1985)
	GAMBRO, Fistula Assessment Monitor FAM 10 Operator's Manual, pp. 1-17, (1985)

Examiner		Date Considered	12 Apr 06

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO 1449 — Patent and Trademark Office - U.S. Department of Commerce

OMB No. 0651-0011

INFORMATION DISCLOSURE CITATION

Atty. Docket No.	07552.0020	Serial No.	10/765,149
Applicants	Silvio Cavalcanti et al.		
Filing Date	January 28, 2004	Group:	3763

	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)
	GAMBRO, "Fistula Assessment Monitor FAM 10 Service Manual", pp. 1-14, (1985)
	GANI ET AL.; "Use of the Fistula Assessment Monitor to Detect Stenoses in Access Fistulae", American Journal of Kidney Diseases, vol. XVII, no. 3, pp. 303-306, (1991)
	GREENWOOD ET AL.; "Assessment of Arteriovenous Fistulas From Pressure and Recirculation Studies: Clinical Experience in 215 Upper Limb Fistulas", Proc EDTA-ERA, vol. 22, pp. 296-302, (1985)
	GREENWOOD ET AL.; "Assessment of Arteriovenous Fistulas From Pressure and Thermal Dilution Studies: Clinical Experience in Forearm Fistulae*", Clinical Nephrology, vol. 23, no. 4, pp. 189-197, (1985)
	GOLDSTEIN ET AL.; "The Assessment of Arteriovenous Fistulae From Pressure and Recirculation Studies", Proc EDTNA-ERCA, vol. 14, pp. 207-215, (1985)
	HART ET AL., "A Noninvasive Electromagnetic Conductivity Sensor for Biomedical Applications", IEEE Transactions of Biomedical Engineering, vol. 35, no. 12, pp. 1011-1022, (1988)
	HESTER ET AL.; "The Determination of Hemodialysis Blood Recirulation Using Blood Urea Nitrogen Measurements", American Journal of Kidney Diseases, vol. XX, no. 6, pp. 598-602, (1992)
	KRÄMER ET AL.; "A Device for Control of Thermal Parameters and Recirculation Measurement in Hemodialysis", British Renal Symposium, 14 pages, (1992)
	Transonic Systems, Inc., "Transonic Hemodialysis Monitor Measures Access Flow Recirculation Cardiac Output Routinely During Dialysis", ASAIO, 2 pages, (1995)
	KRIVITSKI; "Novel Method to Measure Access Flow During Hemdialysis by Ultrasound Velocity Dilution Technique", ASAIO Journal, vol. 41, pp. M741-M745, (1995)
	DEPNER ET AL.; "Clinical Measurement of Blood Flow in Hemodialysis Access Fistulae and Grafts by Ultrasound Dilution", ASAIO Journal, vol. 41, pp. M745-M749, (1995)
	DEPNER ET AL.; "Hemodialysis Access Recirulation Measured by Ultrasound Dilution", ASAIO Journal, vol. 41, pp. M749-M753, (1995)
	KRIVITSKI; "Theory and Validation of Assess Flow Measurement by Dilution Technique During Hemodialysis", Kidney International, vol. 48, pp. 244-250, (1995)
	KRIVITSKI; "Accuracy of Ultrasound Dilution Method to Measure Access Flow (AF) in Hemodialysis" , XIII th International Congress of Nephrology, Abstract, p. 488, (1995)

Examiner		Date Considered	12 Apr 06

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO 1449 — Patent and Trademark Office - U.S. Department of Commerce

OMB No. 0651-0011

INFORMATION DISCLOSURE CITATION

Atty. Docket No.	07552.0020	Serial No.	10/765,149
Applicants	Silvio Cavalcanti et.al.		
Filing Date	January 28, 2004	Group:	3763

	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)
	KRIVITSKI; "New Method to Measure Recirculation (Rc) And Access Flow During Hemodialysis (HD)", American Nephrology Nurses' Association 26th National Symposium Exhibitor Continuing Education Program, Abstract, (1995)
	DEPNER; "Changes In Access Blood Flow (Qac) and Appearance of Recirculation (RC) During Hemodialysis", XIII th International Congress of Nephrology, Abstract, p. 570 (1995)
	DEPNER; "Hemodialysis Access Recirculation Measured by Ultrasound Dilution", ASAIO Journal, vol. 41, no. 1., p. 80, (1995)
	DEPNER; "Clinical Measurement of Blood Flow in Hemodialysis Access Fistulae and Grafts by Ultrasound Dilution", ASAIO Journal, vol. 41, no. 1., p. 80, (1995)
	Transonic Systems, Inc., "Recirculation, Access Flow Measurements", pp. 19-26, (1995)
	SANDS ET AL.; "The Effect of Doppler Flow Screening Studies and Elective Revisions on Dialysis Access Failure", ASAIO Journal, pp. M524-M527, (1992)
	NOSHER; "Death, Taxes, and Vascular Access Dysfunction", Seminars in Dialysis, vol. 4., no. 2, pp. 67-68, (1991)
	In-Line Diagnostics (brochure), "Improve the Clinical Outcome of Every Patient" , 3 pages.
	New Technology From In-Line Diagnostics (brochure), "Noninvasive Blood Volume Monitoring", 2 pages, (1994)
	In-Line Diagnostics (brochure), "The Crit-Line System", 4 pages.
	BOWER ET AL.; "Circulatory Function During Chronic Hemodialysis", Trans. Amer. Soc. Artif. Int. Organs, vol. XV, pp. 373-377, (1969)
	ALDRIDGE; "The Use and Management of Arteriovenous Fistulae Fact and Fiction", EDTNA ERCA Journal XVII-4, pp. 29-35, (1991)
	HESTER ET AL.; "Non-invasive Determination of Recirculation in the Patient on Dialysis", ASAIO Journal, pp. M190-M193, (1992)
	HESTER; "Non-invasive Measurement of Recirculation in the Dialysis Patient", Abstract no 7, 1 page, (1992)
	GREENWOOD ET AL.; "Single Needle Dialysis", Journal of Medical Engineering & Technology, vol. 6, no. 3, pp. 93-98, (1982)

Examiner		Date Considered	12 Apr 06

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO 1449 — Patent and Trademark Office - U.S. Department of Commerce

OMB No. 0651-0011

INFORMATION DISCLOSURE CITATION

Atty. Docket No.	07552.0020	Serial No.	10/765,149
Applicants	Silvio Cavalcanti et al.		
Filing Date	January 28, 2004	Group:	3763

	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)
	KONNER ET AL.; "Transvenous Serial Xero-Arteriography: A New Non-Invasive Angiographic Method For AV-Fistulas in Haemodialysis Patients" Proc EDTA, vol. 18, pp. 305-309, (1981)
	FORSBERG ET AL.; "Quantitative Doppler and Ultrasound Measurements in Surgically Performed Arteriovenous Fistulas of the Arm", Acta Radiologica Diagnosis 21, Fasc. 6, pp. 769-771, (1980)
	SCHNEDITZ ET AL.; "Cardiopulmonary Recirculation in Dialysis", ASAIO Journal, pp. M194-M196, (1992)
	LOUK ET AL.; "Magnetic Resonance, A New Method For Measuring Blood Flow in Hemodialysis Fistulae", Kidney International, vol. 45, pp. 884-889, (1994)
	DEPNER ET AL.; "Access Flow Measurement From Recirculation of Urea During Hemodialysis During Reversed Blood Lines", J. AM Soc. Nephrol, vol. 6, p. 486, (1995)
	LINDSAY ET AL.; "Monitoring Vascular Access Flow", Advances in Renal Replacement Therapy, vol. 6, no. 3, pp. 273-277, (1999)
	LINDSAY ET AL.; "Estimation of Hemodialysis Access Blood Flow Rates by a Urea Method is a Poor Predictor of Access Outcome", ASAIO Journal, pp. 818-822, (1998)
	STERNBY; "Urea Sensors-A World of Possibilities", Advances in Renal Replacement Therapy, vol. 6, No. 3, pp. 265-272, (1999)
	YARAR ET AL.; "Ultrafiltration Method for Measuring Vascular Access Flow Rates During Hemodialysis", Kidney International, Vol. 56, pp. 1129-1135, (1999)
	POLASCHEGG ET AL.; "On-Line Dynamic Measurement of Fistula Pressure During Haemodialysis for Detection of Access Stenosis and Bad Needle Placement", XXVI th Conference EDTNA - ERCA Journal, p. 23, (1997)
	POLASCHEGG ET AL.; "Dynamic Pressure Measurement for Detection of Blood Access Stenosis", EDTNA - ERCA Journal, XXIV 4, pp. 39-44, (1998)
	POLASCHEGG; "Pressure Drops in Cannulas for Hemodialysis", The International Journal of Artificial Organs", vol. 24, no. 9, pp. 614-623, (2001)
	LODI ET AL; "A Novel Model-Based Method for Monitoring the Hemodialysis Vasular Access", ASN/ISN World Congress of Nephrology, Codes: FC - Free Communication; PS-Poster Session 294A-A1513, (2001)
	FRINAK ET AL.; "Dynamic Venous Access Pressure Ratio Test for Hemodialysis Access Monitoring", American Journal of Kidney Diseases, vol. 40, no. 4, pp. 760-768, (2002)

Examiner		Date Considered	12 Apr 06

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO 1449 — Patent and Trademark Office - U.S. Department of Commerce

OMB No. 0651-0011

INFORMATION DISCLOSURE CITATION

Atty. Docket No.	**07552.0020**	Serial No.	**10/765,149**
Applicants	**Silvio Cavalcanti et al.**		
Filing Date	**January 28, 2004**	Group:	**3763**

*	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)
	BESARAB ET AL.; "Utility of Intra-Access Pressure Monitoring in Detecting and Correcting Venous Outlet Stenoses Prior to Thrombosis", Kidney International, vol. 47, pp. 1364-1373, (1995)
	BESARAB ET AL.: "Effects of Systemic Hemodynamics on Flow Within Vascular Accesses Used for Hemodialysis", ASAIO Journal 2001, vol. 47, pp. 501-506, (2001)
	KLEINEKOFORT ET AL.; "Extracorporeal Pressure Monitoring and the Detection of Vascular Access Stenosis", The International Journal of Artificial Organs, vol. 25, no. 1, pp.45-50, (2002)
	BESARAB ET AL.; "Detection of Access Strictures and Outlet Stenoses in Vascular Accesses", ASAIO Journal, vol. 43, pp. M543-M547, (1997)
	BESARAB ET AL.; "Simplified Measurement of Intra-Access Pressure", Journal of the American Society of Nephrology , vol. 9, pp. 284-289, (1998)

Examiner		Date Considered	12 Apr 06

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO 1449 — Patent and Trademark Office - U.S. Department of Commerce

OMB No. 0651-0011

INFORMATION DISCLOSURE CITATION

Atty. Docket No.	7552.0020	Appln. No.	10/765,149
Applicant	Silvio Cavalcanti et al.		
Filing Date	January 28, 2004	Group:	3763

FOREIGN PATENT DOCUMENTS						
	Document Number	Publication Date	Country	Class	Sub Class	Translation Yes or No
	SU 1013853	04/23/1983	Russian Federation			Abstract

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
	N.M. Krivitski, "Cardiac Output Measurement in Extracorporal Systems by Ultrasound Velocity Dilution," American Society for Artificial Internal Organs, 1994 Abstracts, 40th Anniversary Meeting April 14-16, 1994, Abstract p. 82.
	Jan Göthlin, et al., "A Dye-Dilution Method for the Determination of Blood Flow in Cimino-Brescia Arteriovenous Fistulae," *Investigative Urology*, Vol. 15, No. 2, pp. 167-168.
	R. N. Greenwood, et al, "Assessment of Arteriovenous Fistulas from Pressure and Recirculation Studies: Clinical Experience in 215 Upper Limb Fistulas," *Proc EDTA-ERA* (1985) Vol. 22, pp. 296-302.
	Arthur C. Guyton, *Textbook of Medical Physiology,* 1991 pp. 287-288.
	M. Krämer, "Automated measurement of recirculation," *EDTNA ERCA JOURNAL* XIX no. 2, April 1993, pp. 6-9.
	Nikolai M. Krivitski, "Novel Method to Measure Access Flow During Hemodialysis by Ultrasound Velocity Dilution Technique," *ASAIO Journal,* pp. M741-M745
	B.M.T. Lantz, et al., "Determination of Blood Flow Through Arteriovenous Fistulae and Shunts," *Acta Radiologica Diagnosis* 20 (1979) Fasc. 5, pp. 727-736.
	Paulo Rocha, M.D., et al., "Arteriovenous Shunt Measured by Bolus Dye Dilution: Reproducibility and Comparison Between Two Injection Sites," *Catherterization and Cardiovascular Diagnosis,* Vol. 11, pp. 473-481 (1985).
	S. Gottlieb, et al., "Radiotracer Method for Nonsurgical Measurement of Blood Flow in Bovine Graft Arteriovenol's Fistulas," Proc. Dialysis Transplant Forum, 1976, pp. 107-108.
	M. Salamon and P. Svitok, "A Low Frequency Electrodeless Conductometer for Measuring the Electrical Conductivity of Solutions," *United Kingdom Atomic Energy Authority Industrial Group Headquarters, Risley, Warrington, Lancashire* pp. 3-12 and "Summary" (1959).
	International Search Report for International Application No. PCT/IB2004/000022
	An English-language Abstract of EP 1 020 199 A2
	An English-language Abstract of WO 98/17334

Examiner		Date Considered	17 Apr 06

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO 1449 — Patent and Trademark Office - U.S. Department of Commerce

IDS Form PTO/SB/08: Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1	of	1

Complete if Known	
Application Number	10/765,149
Filing Date	January 28, 2004
First Named Inventor	Silvio CAVALCANTI
Art Unit	3763
Examiner Name	Unassigned
Attorney Docket Number	7552.0020

U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS

Examiner Initials	Cite No.[1]	Document Number Number-Kind Code[2] *(if known)*	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

Note: Copies of the U.S. Patent Documents are not Required in IDS filed after October 21, 2004

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.[1]	Foreign Patent Document Country Code[3] Number[4] Kind Code[5] *(if known)*	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation[6]

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation[6]
		J.S. Gani et al., "Use of the Fistula Assessment Monitor to Detect Stenoses in Access Fistulae," *American Journal of Kidney Diseases*, Vol. XVII, No. 3 (March), 1991: pp. 303-306.	

Examiner Signature		Date Considered	12 Apr 06

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

IDS Form PTO/SB/08: Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 1

Complete if Known	
Application Number	10/765,149
Filing Date	January 28, 2004
First Named Inventor	Silvio CAVALCANTI
Art Unit	3763
Examiner Name	Unassigned
Attorney Docket Number	7552.0020

U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS

Examiner Initials*	Cite No.[1]	Document Number Number-Kind Code[2] (if known)	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-3,980,946	09/14/1976	Fleury	
		US-			
		US-			
		US-			
		US-			
		US-			

Note: Copies of the U.S. Patent Documents are not Required in IDS filed after October 21, 2004

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Foreign Patent Document Country Code[3] Number[4] Kind Code[5] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation[6]

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation[6]
		P.G. Sakiewicz et al., "Introduction of a Switch that Can Reverse Blood Flow Direction On-Line During Hemodialysis," *ASAIO JOURNAL*, Vol. 46, n.4, July 2000, pp. 464-468.	
		R.N. Greenwood et al., "Serial Blood Water Estimations and In-Line Blood Viscometry: The Continuous Measurement of Blood Volume During Dialysis Procedures," Clinical Science (1984) 66, pp. 575-583.	
		J.S. Gani et al., "Use of the Fistula Assessment Monitor to Detect Stenoses in Access Fistulae," Abstract, Australian Society of Nephrology, 1989, Australia.	
		L. Goldstein, "Assessment of Arteriovenous Fistulae From Pressure and Recirculation Studies," Abstract, p. 106, 1985, London, UK.	

Examiner Signature		Date Considered	12 Apr-06

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.